

FORMPOLY PPOGT10G

(10%GF Reinforced PPO/PA alloy)

GENERAL

FPL offers a range of Engineering Plastic grades from unfilled, glass fibre reinforced, mineral reinforced, impact modified to flame retardant for most demanding conditions and extreme requirements including **FORMPOLY PPOGT10G** which is Glass fibre reinforced PPO/PA alloy with high stiffness.

FORMPOLY PPOGT10G

- Increased stiffness
- Low warpage
- Good Surface finish
- Easy flow and fast solidification
- Easy processability

PRE-DRYING

FPL grades can normally be taken for direct processing. However, in case the material is exposed to atmosphere, it is advisable to pre-dry the material at 80°C for 1 to 2 hours for good surface finish.

PACKING

FORMPOLY PPOGT10G is supplied in 25 Kg Dry, ready to mould, in sealed bags to prevent the uptake of moisture.

APPLICATION

- High pressure pump parts
- Automotive Underwood stiffness parts
- Pump impellers for abrasive fluids
- Housings

Property	ASTM Method	Unit	Value
Tensile Stress	D638	MPa.	90
Elongation at Break	D638	%	15
Flexural Stress	D790	MPa.	130
Flexural Modulus	D790	MPa.	3000
Izod Impact Strength Notched	D256	Kg Cm/ Cm	8
Heat Deflection Temp - at 18.5 Kg / Cm ² load	D646	°C	175
Specific Gravity	D792	-	1.16
Shrinkage	D955	%	0.5-0.7
Water absorption at Equilibrium	D 570	%	3.6
Vicat VST/B/120	D 1525	C	210

Conditioned test specimen. All results are measured under Dry-as-moulded natural test specimen
Pigmented colors would record lower mechanical properties as permitted by ASTM D 4066.

The information present here is for general guidance. It is given in good faith but no warrant is attached

FORMULATED POLYMERS LIMITED

Manufacturers of Engineering Plastics Compounds

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